

Special Issue

GNSS for Urban Transport Applications II

Message from the Guest Editors

GNSS positioning and timing solutions are now part of our everyday life, with most of their uses linked to transport applications, particularly in urban areas where GNSS availability and accuracy tend to be degraded due to signal obstructions, multipath, NLOS (non-line-of-sight) signal reception and interferences. Solutions are embedded in cars, autonomous vehicles or fleets of vehicles, drones, public transport systems (buses and trams), as well as smartphone-based solutions. However, future uses of GNSS localization solutions are predicted to require novel levels of performance in terms of accuracy, availability, robustness and integrity. In order to reach novel performance levels in urban environments, innovative approaches and solutions still have to be investigated and developed. However, many challenges remain in regard to ensuring their robustness, assess their integrity and ensure availability with shorter convergence times. Special attention should also be paid to innovative algorithms covering GNSS local effect characterization, detection and exclusion or mitigation as the basis to increase trust in GNSS in challenging scenarios.

Guest Editors

Dr. Juliette Marais

Dr. Li-Ta Hsu

Dr. Omar García Crespillo

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Remote Sensing
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
remotesensing@mdpi.com

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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